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JAN 20 1915

Polishing Dust Collecting



For Cleanliness
Health and
Profit—

LEIMAN BROS.
62 JOHN ST.
NEW YORK



A Polishing Dust Collecting Outfit

Combining

A Powerful Suction
Little Power
Quiet Running
Simple Construction
Small Floor Space
Neatness
Healthfulness
Low Cost
Low Up Keep

A WORD BEFOREHAND

EVERY workshop, showroom, store or factory where polishing work is done steadily should have some means of disposing of the dust that arises. Every dentist, artisan, student in college or school as well as laboratory workers should have some means of drawing away this dust. It is, indeed, becoming compulsory in many states that some such system be provided.

For the interests of the worker demands a disposal system—health demands it—and where precious metals are polished or buffed the returns from the refining of the dust makes it almost a crime to be without it. Many such systems of dust disposal have been used for years, but it has remained for the dust collecting outfit which we offer to make it possible for every worker to be so equipped and at a comparatively low cost.

LEIMAN BROS.

LEIMAN BROS. POLISHING DUST COLLECTOR

A POLISHING DUST COLLECTOR first of all must collect the dust. Without this ability the name is a misnomer, the claim of the manufacturer false and the value of the machine problematical however low the first cost. It is for this reason that we begin by calling attention to the many testimonials of merit from leading manufacturers, storekeepers, dentists and other users. If the machine which we offer will satisfy these representative users, many of them users of a number of the outfits, then there is a strong likelihood that you also will receive satisfaction. Some of these letters we have quoted from elsewhere in this booklet.

When a dust collecting outfit collects the dust its work is only half done. It must hold it at the disposal of the owner or operator. It is here that most dust collecting systems are weak.

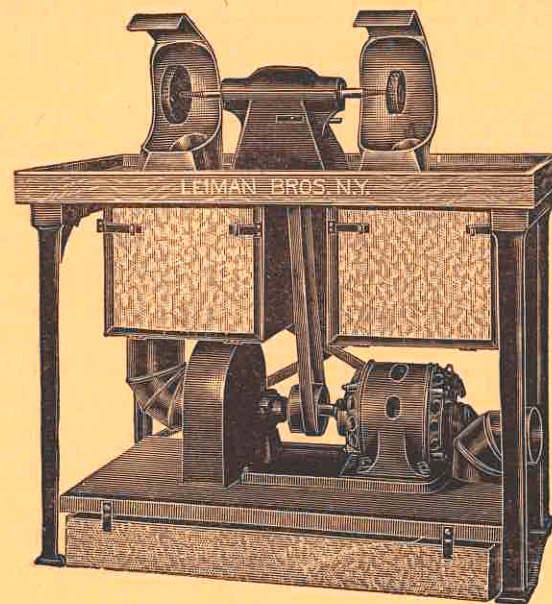
Our outfit, being the result of the score of years of our experience, is offered with the firm conviction that it has solved this disposal problem to a finality.

No other outfit, we can confidently assert, will collect and hold in the disposal tanks anywhere nearly as much as will the outfits we offer.

We combine a wet and dry system of dust separation. The heavy dust is retained in the tanks above the motors while any light dust which might perchance escape from these, is surely caught and held in the water bath in the lower tanks.

LEIMAN BROS. POLISHING DUST COLLECTOR

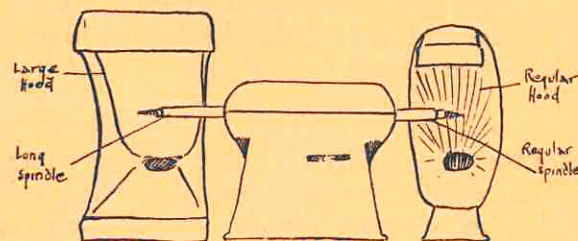
ONE-HALF HORSE POWER OUTFIT (Regular Spindle)



For use with buffs up to 8 inches diameter.

Length of Spindle, regular, each side of head including detachable taper points $5\frac{1}{2}$ inches; on extended shaft model as shown below the left hand side extends 9 inches from the head with larger dust hood. Diameter of spindle $\frac{7}{8}$ inch; height to centre of spindle 8 inches; equipped with loose and tight pulleys. Floor space about 24x50 inches. Weight about 500 lbs.

BE SURE TO SPECIFY KIND OF ELECTRIC CURRENT available for one-half horse power with the voltage, phase and cycles.



EXTENDED SPINDLE as supplied for One-half Horse Power Outfit. Left side 9 inches from head, right side $5\frac{1}{2}$ inches from head.

Being an evolution in dust collecting methods the outfits have been steadily improved—noiselessness being a prominent feature of their operation.

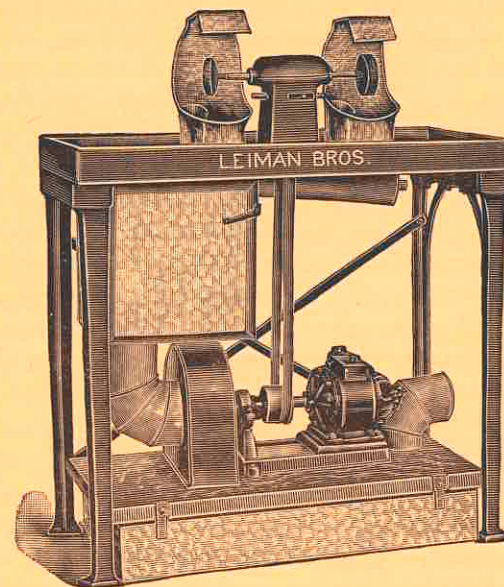
The motors are especially constructed for this work and accurately fitted so that very little power is required to operate the machines over and above the actual amount necessary for the polishing or buffing work.

It will be noted from the illustrations that an outfit can be secured for any class of work. The one-third horse power outfit is meant for dental work or work of a similar nature, including light jewelry and novelties. The machines are supplied with spindles of varying lengths—we also show the outfits with a short spindle on one side and a long spindle on the other. This makes them adaptable for both small or large pieces which may be buffed or polished with wheels not exceeding the sizes mentioned under each illustration.

No matter what your polishing work may be, or the size and shape, we can supply an outfit to do the work if you will give us the particulars. It should be remembered that in purchasing a **real** polishing dust collector you are making a dividend-paying investment. Not simply paying out money for a machine. To secure these dividends you must have a **real** dust collector however—one that will collect the dust up to 95% of the total amount created.

We do not simply state this as a fact applying to the machines we offer—we let others speak—actual users—nothing we could say would or could be more convincing. When you get **your** machine we will also receive **your** letter stating **your** satisfaction. It has always been so in the past.

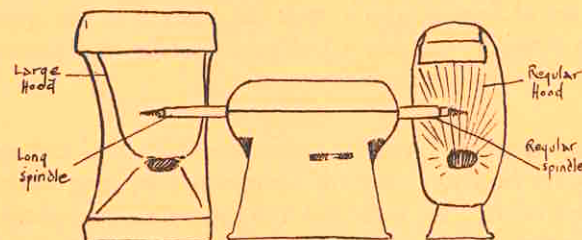
ONE-THIRD HORSE POWER OUTFIT (Regular Spindle)



For use with buffs up to 4 inches diameter.

Length of Spindle, regular, each side of head including detachable taper points $4\frac{1}{4}$ inches; on extended shaft model as shown below the left hand side extends 8 inches from the head with large dust hood. Diameter of spindle $\frac{3}{4}$ inch; height to centre of spindle 7 inches; equipped with loose and tight pulleys. Floor space about 20x40 inches. Weight about 400 lbs.

BE SURE TO SPECIFY KIND OF ELECTRIC CURRENT available for one-third horse power with voltage, phase and cycles.



EXTENDED SPINDLE as supplied for One-third Horse Power Outfit. Left side 8 inches; right side $4\frac{1}{4}$ inches from head.

Some of our present satisfied users have stated in advance of the purchase of their machine that the amount of work they had to do would not warrant the installation of a dust collector. They see their error now. They know now how much in money they have lost—only a very small amount of dust yields a dollar or more. They also see their shops in a neater and cleaner condition and themselves or their operators are much better pleased and capable of doing better work as a result. When you buy one of these outfits it is shipped to you all complete and ready to run. No other work is required beyond connecting the electric wires to the motor.

We have made every effort in building these outfits to supply machines as simple in construction as possible and have succeeded to such an extent that they are now practically trouble proof. Everything is strong and substantial with nothing to get out of order.

There is a powerful suction of air at each buff at all times while the machine is in operation. The polishing head itself may be quickly stopped independently of the motor. Each head is supplied with detachable taper points and at slight additional cost we supply a detachable set of flanges which may be placed on the spindle when required to hold a buff permanently and removed when no longer required.

As the electric current varies in different localities it is always best to consult the company supplying the current for information as to the voltage, cycles and phase of the current which can be used for the motor of the size outfit which you select.

In selecting an outfit it is well to know that the majority of jewelers prefer the half horse power size either with the regular or the extended spindle, but in every case the size of the buff should be used as a guide in making a proper selection.

Where a number of polishers are employed with the old system the large blower takes a great deal of power to run and it must be kept in constant operation even though but one polisher may be at work, which means a waste of power. In many cases these large blowers make considerable noise, while these new outfits are practically noiseless in operation and will give far better results, as the exhaustor creates a perfect suction at each opening. With the old system, on the other hand, with its long stretch of piping, the suction will vary at the different openings, some getting good results, while with others on the same line, the suction is hardly noticeable. With our new system each polisher is completely equipped and has a strong current of air at all times and when not in use the operation of the outfit is stopped. This not only results in a cleaner shop but in an economy of operating expense.



LEIMAN BROS. POLISHING DUST COLLECTOR

MONTGOMERY, WARD & CO.
CHICAGO AND KANSAS CITY

"The machine (Polishing Dust Collector) has given entire satisfaction. If it continues in the same manner we will consider the investment a good one."

EISENSTADT MFG. CO.
MAKERS OF FINE JEWELRY
ST. LOUIS

"We have been using same, (Polishing Dust Collecting Outfit) for the past year and it has been thoroughly satisfactory in every particular."

J. HERBERT HALL CO.
JEWELERS AND OPTICIANS
PASADENA, CALIF.

"The Polishing Dust Collecting Outfit purchased from you some time ago was duly installed and we want to take this opportunity of expressing the pleasure and satisfaction it is giving us. We have taken pride in showing it to other jewelers who visit us and unless it could be duplicated we would not sell it at twice what it cost us."

G. W. FAIRCHILD & SONS
DIAMONDS, WATCHES, SILVERWARE, JEWELRY
BRIDGEPORT, CONN.

"We have had one of your Polishing Dust Collecting Outfit since March 1st, 1912 and it has proven most satisfactory. We use this in a room where the engravers and watchmakers as well as the jewelers are working and there is no collection of dust or as much even as when we had a room partitioned off for polishing, because more dust escaped then than with this in the open room. It does most satisfactory work and we would recommend it to any jeweler in need of such an outfit."

LEIMAN BROS. POLISHING DUST COLLECTOR

WATERMAN'S IDEAL FOUNTAIN PEN
L. E. WATERMAN COMPANY
NEW YORK

"We have been using several of your Polishing Dust Collecting Outfits for some time with much satisfaction. They are very compact, efficient and clean, in fact the best equipment for this kind of work that we have ever seen."

KEYSTONE WATCH CASE CO
E. HOWARD WATCH WORKS
WALTHAM, MASS.

"The Polishing Dust Collector — is operating now very satisfactorily and we are very much pleased with the purchase."

SAM'L G. SUPPLEE & CO.
MECHANICAL DENTISTRY SPECIALISTS
NEW YORK

"It gives us great pleasure to state that the machines you have made for us have given complete satisfaction. In fact we are getting twice the amount from the gold collecting machine as we got from our old system."

DR. H. C. WEBB DENTAL CO.
SYRACUSE, N. Y.

"We are very much pleased with our Dust Collecting Outfit. It has given entire satisfaction and makes a dustless laboratory possible."

B. SILVERSTEIN
POLISHER AND LAPPER
NEW YORK

"We find that the Polishing Dust Collecting Outfit is giving very satisfactory service and the increased income from the recovery of the gold dust is very satisfactory. Not only this, but we believe our shop to be in a very much cleaner and healthier condition than ever before."

SOME OTHER USERS

Henry P. Boos Dental Laboratories	Minneapolis
James E. Blake & Co., Silversmiths.....	Attleboro
Crimmins-Magrath Co. Dental Laboratory.....	Boston
Barr Jewelry Co.....	Kansas City
Star Watch Case Co.....	Ludington, Mich.
The Roycrofters	East Aurora, N. Y.
O K Mfg. Co., Paper Fasteners.....	Syracuse, N. Y.
Thier, Krause & Beam.....	Pittsburg
Dueber Watch Case Co.....	Canton, O.
Swigart Watch & Optical Co	Toledo
Wm. Scheppeler & Sons	San Francisco
Empire Ring Mfg. Co	Bridgeburg, Canada
Nolan & Strachan.....	Toronto
M. Durham.....	New Haven, Conn.
Hess & Slager.....	Jacksonville, Fla.
Crown Dental Laboratory	Chicago
Henry Plumb.....	Des Moines, Iowa
Watson Co., Silversmiths	Attleboro
Detroit Dental Mfg Co.....	Detroit
Paris Dental Parlors.....	New York
F. E. Donaldson Co.....	Minneapolis
Merry Optical Co.....	Kansas City
GutfreundArnold Jew. Mfg. Co.....	St. Louis
H. L. Holst.....	Atlantic City, N. J.
John J. Schuster, Jr.....	Cleveland
Stief Jewelry Co.	Nashville, Tenn.
Jewelry Mfg. & Engraving Co.....	Salt Lake City
A. B. Scott & Co.....	Fairmont, W. Va.
Julius Windner.....	Philadelphia
T. H. Evans	Orlando, Fla.
Englewood Optical Shops.....	Chicago
Frank Whitfield	Chicago
C. P. J. Wiss & Son.....	Newark, N. J.
Wm. Doeble	Philadelphia
Martin Hacker.....	St. Louis
Bullard Bros	St. Paul
Heeren Bros. & Co.....	Pittsburg
Cleveland Dental Mfg. Co.....	New York

SOME NEW YORK USERS

C. P. Goldsmith & Co.	Arizona Turquoise Co.
Mabie, Todd & Co.	A. W. Ware & Co.
John Schumacher	Lambert Bros.
J. P. D. Shiebler & Co.	Wm. Schenck
Julius Wodiska	L. J. Higham & Co.
Union League Club	Wm. Scheer
Aiken-Lambert Co.	Thos. F. Brogan
Lord & Taylor	John Frick
Gimbel Bros.	Schuman's Sons
Frohlichstein, England & Klein	Shiman Bros.
Abel Bros.	L. E. Waterman Co.
Sam'l G. Supplee & Co.,	Bodee & Bro.

We also manufacture

ROTARY POSITIVE HIGH PRESSURE BLOWERS

Air Pumps for pressures of from one ounce to ten pounds.

ROTARY POSITIVE VACUUM PUMPS

Air Pumps for vacuums of from
one to twenty-eight inches.

Automatic Continuous Feed SAND BLASTS

for mat finishing and frosting on metals and glass.

SENSITIVE DRILL PRESSES

for use of Jewelers, Comb and Novelty Makers
and others doing close work.

COMPLETE MOTOR DRIVEN OUTFITS.

MACHINERY FOR JEWELERS AND NOVELTY MAKERS.

LEIMAN BROS.

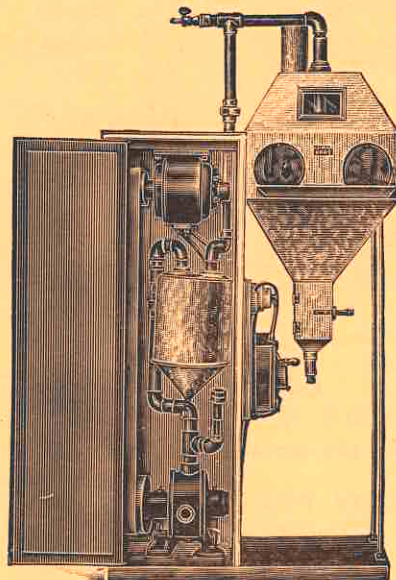
62 JOHN STREET
NEW YORK

LEIMAN BROS. POLISHING DUST COLLECTOR

LEIMAN BROS.
SAND BLAST OUTFITS

ALL COMPLETE, READY TO RUN.

CAN ALSO BE USED FOR MELTING AND SOLDERING.



The Blower and Motor is mounted in the cabinet as shown, which confines the operating sound. Melting, Annealing, Soldering, etc. may be done on the top of the cabinet utilizing the air from the blower.

ESPECIALLY ADAPTED FOR JEWELERS,
NOVELTY MAKERS, ETC.

CAN'T GET OUT OF ORDER

COSTS LITTLE TO OPERATE

IS NEAT AND CLEAN

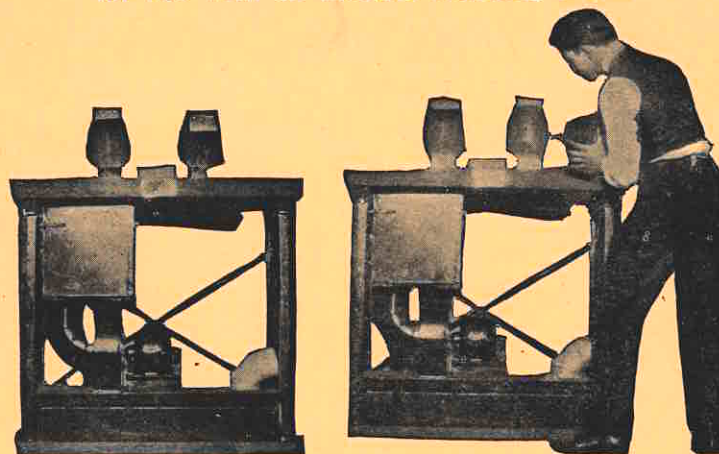
Get Special Catalog on Sand Blasts.

LEIMAN BROS.

62 JOHN STREET
NEW YORK

LEIMAN BROS. POLISHING DUST COLLECTOR.

SPECIAL OUTFIT, ONE-QUARTER HORSE POWER
for use with an Electric Polishing Lathe.



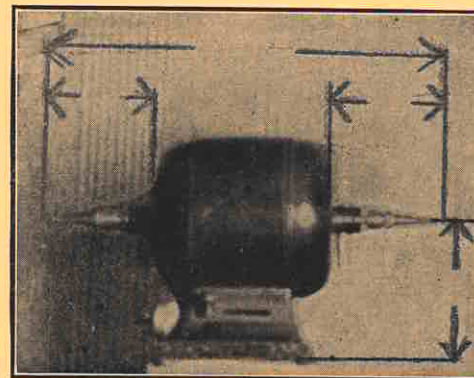
The Outfit for use with any
Electric Polishing Lathe.

Placing the Electric Polishing Lathe
on the Dust Collector Bench.

This outfit is practically the same as the one-third horse power outfit, the motor however is smaller because it only drives the suction fan. Every user of an Electric Polishing Lathe should have one of these outfits to keep the shop clean and protect the operator against disease. Then again a considerable amount of gold can be recovered from the dust saved in the tank paying for the machine itself as well as furnishing a snug income.

Floor space 20x40 inches. Weight about 325 lbs.

BE SURE TO SPECIFY KIND OF ELECTRIC CURRENT available
for one-quarter horse power with voltage, phase and cycles.



Be sure to specify dimensions of your Electric Polishing Lathe as indicated in above picture.

LEIMAN BROS.

Polishing

Dust Collector

not only keeps your shop neat and clean, preserving the health of all, but it pays for the privilege of doing it.— It brings back its cost in increased amount of dust saved so that recovery of valuable metallic particles is made easy.

DON'T forget that when you buy this machine you are investing your money, not simply spending it—it brings in dividends—and is always a valuable asset in your business.

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